



1651

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of **Curtis**

Application No. 09/879,719

Attorney Docket No. 0307-P02533US2

Filed: August 27, 2002

For: Method and Apparatus for Aseptic  
Growth of Cells and/or  
Microorganisms

Examiner: Ware, Deborah K.

Group Art Unit: 1651

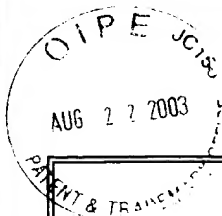
**RESPONSE TO OFFICE ACTION**

**IN THE CLAIMS**

Please amend claims 1, 10 and 13 as follows:

1. (Presently Amended) A method for culturing one or more cell[[s of]] or microorganism[[s]], comprising the steps of:  
providing a flexible sterile plastic reservoir;  
introducing a culture media into the reservoir;  
inoculating the culture media with [[a]] one or more cell or microorganism[[s]]  
to provide a cell suspension for culturing the cell or microorganism;  
aerating the cell suspension with a aerating fluid at a flow rate wherein the  
aerating fluid comprises a gas;  
detecting a growth characteristic of the cell or microorganism in the cell  
suspension; and  
varying the flow rate and/or the composition of the aerating fluid in response  
to the detected characteristic.
2. (Originally Filed) The method of claim 1 comprising the step of releasing  
aerating fluid from the reservoir.

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# FEE TRANSMITTAL

## Complete if known

Application Number: 09/879,719

Filing Date: August 27, 2002

First Named Inventor: Curtis

Group Art Unit: 1651

Examiner Name: Ware, Deborah K.

Total Amt. of Payment: (1)+(2)+(3)= \$0

Attorney Docket Number: 0307-P02533US2

### METHOD OF PAYMENT (check one)

1 The Commissioner is hereby authorized to:

☐ Charge indicated fees

☒ Charge any additional fees

☒ Credit overpayments

to the account of DANN, DOREMAN, HERRELL & SKILLMAN

Deposit Account Number 04-1406

2 Payment enclosed:

Check in the amount of \$0

### FEE CALCULATION

1. FILING FEE

Fee

#### Fee Description

Utility filing fee

Design filing fee

Plant filing fee

Reissue filing fee

SUBTOTAL (1) \$0

### FEE CALCULATION (continued)

#### ADDITIONAL FEES

##### Fee Description

##### Fee Paid

Surcharge-late filing fee or oath

Surcharge - late provisional filing fee or cover sheet

Extension for response within month

Notice of Appeal

Filing a brief in support of an appeal

Request for oral hearing

Petition to revive unavoidably abandoned appl.

Petition to revive unintentionally abandoned appl.

Issue fee

Petitions to the Commissioner

Petitions related to provisional applications

Submission of Information Disclosure Stmt.

Recording each patent assignment per property

Other fee (specify)

SUBTOTAL (3) \$0

2 Claims

Paid Extr Fee

Total Claims 27 -27 = 0 x 9 = 0

Independent Claims 3 -3 = 0 x 42 = 0

Multiple Dependent  
(First presentation)

SUBTOTAL (2) \$0

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Submitted By:

Typed or

Printed Name Stephen H. Eland

Reg. Number 41,010

Signature

Date August 20, 2003

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